0420   16C1   2800   030

Serial Number: __10/001,870__

CRF Processing Date: __12/12/01__
Edited by: _____ DC _____
Verified by: _____ (STIC sta

ENTERED 1631 #5

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was wrapped down to the next line
- ☐ Edited a format error in the Current Application Data section, specifically:

  _____

- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

- ☐ Added the mandatory heading and subheadings for "Current Application Data".

- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

  _____

- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

  _____

- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

  _____

- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

- ☐ Inserted colons after headings/subheadings. Headings edited included:

  _____

- ☐ Deleted extra, invalid, headings used by an applicant, specifically:

  _____

- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

RECEIVED

- ☐ Inserted mandatory headings, specifically: _____

AUG 1 5 2002

- ☐ Corrected an obvious error in the response, specifically:

  _____

TECH CENTER 1600/2900

- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

- ☐ Corrected an error in the Number of Sequences field, specifically:

  _____

- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

- ☐ Other:

  _____

  _____

  _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

```
         RAW SEQUENCE LISTING              DATE: 12/18/2001
         PATENT APPLICATION:  US/10/001,870    TIME: 11:19:38

         Input Set : A:\PTO.DC.txt
         Output Set: C:\CRF31113\REFHOLD\I001870.raw
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   3 <110> APPLICANT: Salceda, Susana
   4       Macina, Roberto
   5       Recipon, Herve
   6       Sun, Yongming
   7       Liu, Chenghua
   9 <120> TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes
and Proteins
  11 <130> FILE REFERENCE: DEX-0283
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/001,870
C--> 13 <141> CURRENT FILING DATE: 2001-11-20
  13 <150> PRIOR APPLICATION NUMBER: 60/252,189
  14 <151> PRIOR FILING DATE: 2000-11-21
  16 <160> NUMBER OF SEQ ID NOS: 217
  18 <170> SOFTWARE: PatentIn version 3.1
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  22 <212> TYPE: DNA
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  30 ccaagaacac gtgctgttat ggggagtgca gagtgagggt agggaattga ggaccattat    180
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  40 <400> SEQUENCE: 2
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  45 ctttggttta cgtattatct cttcttgctt ttaagctaca gcagagtaga gtagttccga    180
  47 tcagagacca tatgacccag aaaactaaac atatttgtca tctcagtatt cccattttga    240
  49 gtatgatagt gaatcaactc attattttga aaatcaataa taaaaggaaa gaataaagtt    300
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  55 aagaaataat ggatttagaa acttactatt ggtggttgct actatctata tcacaaaaag    480
  57 agaatcacaa gcagatctac atgtcttacg gaaggcagtg aatatcacct atgatctcat    540
  59 ttgttaacaa acaaaccaaa aaataacctg gatatgatca agcctccaga tctactactt    600
  61 atgtcctgga acttaggaag cagacagatt tgaaatgacc attggagaga cagtcctcat    660
  63 ccaggctccg aatgtgttct gccaataatt ccagcgataa gacttttgtg accccagtta    720
  65 agatttcggc cttcccggtt ttccttggct cgtaaagtcc gg                       762
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RAW SEQUENCE LISTING   DATE: 12/18/2001
PATENT APPLICATION: US/10/001,870   TIME: 11:19:38

Input Set : A:\PTO.DC.txt
Output Set: C:\CRF31113\REFHOLD\I001870.raw

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 84 ttacggtgaa cctccatgta tcaactccct aattcaacat aatcacgccc tgggaaatag     360
 86 ttgttcctct atgctctcaa ctacccagta ttgcattatt ttgaagcagg tcagagtcat     420
 88 aacattcaat ctgtaaatat tttgatcatg tatatcttaa ggactcttaa aacaattaag     480
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 92 ggtattaaac atagttcata ttaaacatta tccagttcac attgaacagt tgatttacat     600
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109 ttattgctgc attgtagttc tatatgaatt ctggatatta agaacttatg taataactga     180
111 tatatgattt gcaaatactt tctcccatta catgggattt tttgttactg ttgttgattt     240
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130 aactatacat atattacagg gtattaagtt agaagtttct cctgagacat acatgaagtt     120
132 ccaaagatag actgttatac atagaattta cagagcacat tttaaaaata atcacctata     180
134 tcaaactgtt aaaacttctg ttcaacaaca aaaaaaatca acaacagtaa caaaaaatcc     240
136 catgtaatgg gagaaagtat ttgcaaatca tatatcagtt attacataag ttcttaatat     300
138 ccagaattca tatagaacta caatgcagca ataagaaatc aaataaccta attgtaaaat     360
140 gggcaaatcg cagcaatcag acaagagaaa gaaataaagg gcatccaaac tggaaaagaa     420
142 gaagtcaaat tatccttgtt tgcagatgac atgatcttat atttggaaaa acctagactc     480
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151 <212> TYPE: DNA
152 <213> ORGANISM: Homo sapien
154 <400> SEQUENCE: 6
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159 gttttggtta gctgctatga ttgtttttgga ctacactggt tggatgattg tattgcatgg     180
161 gattaccata aggaccctgg ataagtggtt atagctgagg gttctgaaat gtaggagaag     240
163 caaacccaca acccagaact atgaattaat cacctgtgag gacaaactgc tttacttcca     300
165 agaagggagg ggactagata aaattaacct tgccaccacc accaagtttc tgtctcagaa     360
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167 agttcttgat tatcccttaa tctgaaaaac ttaagaaaat tttggcaaga aggtaattga   420
169 aaattcccat ttggggaaag gggtttcctt tcctgcattt tgagatatta ttctattgtc   480
171 ttttggcttt cattgttgta cattgagaag tcagttgtca gtcttttgca cccctcgaag   540
173 gtaatgagtt tttattatct gctactttta catttaactt ttgcctttgg tttcataaaa   600
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181 <213> ORGANISM: Homo sapien
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188 caacaacgtt attgattcca aacaacgtta ttgatcacca atcaacatta ttgattcctg   180
190 aatgcctatt ctgcacccag tatggaccca tattctgtct tctgttagac cccttggcaa   240
192 ttaaaatctg ggattacatt taatgtagta atctacaaag gtaaaactac tggtatgtag   300
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196 agaactagtc tgtatctgtg ctgtctagta caagcttttt tttttttttt tttttttttt   420
198 taacccgggg cggggaaaac gttaaacaag aatcggaaaa ttccacaaaa gggggggggg   480
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215 aacgagtcga atgaagtagc agaaaaggtg acatgcttag gttatccaga agtcagaact   180
217 ggaagttgac ggatcaatgt ttaaagaata aggacaatcg atgccatgaa caggatgatt   240
219 aaaaggttta caaggtgtaa taatgaagta aattactttc ttactttaga tttcaggtat   300
221 aactaggacg tgctttctac gtaaacaaaa agttgtatta ttataatatt tcataatacc   360
223 tcgtatcaca aaccgatgac caggtgctag ttataaatac tgctagaaat tactgaaaat   420
225 tatgttcatt tttccatttt tgttctttta tattttgaac tctcatttac taacttcaaa   480
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231 gaaatggctt ta                                                       612
234 <210> SEQ ID NO: 9
235 <211> LENGTH: 344
236 <212> TYPE: DNA
237 <213> ORGANISM: Homo sapien
239 <400> SEQUENCE: 9
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246 taatattgtt caactaggtc tgaaaatttg gaggcataag atctttttct ctctctttta   240
248 ttttaggttc agggaataca tgtgcaagtt tgttacgtgg gtaaattatg tatcgtgcgg   300
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253 <210> SEQ ID NO: 10
254 <211> LENGTH: 528
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RAW SEQUENCE LISTING   DATE: 12/18/2001
PATENT APPLICATION: US/10/001,870   TIME: 11:19:38

Input Set : A:\PTO.DC.txt
Output Set: C:\CRF31113\REFHOLD\I001870.raw

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256 <213> ORGANISM: Homo sapien
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263 tagattctag aatgccaaat tacctacagt ctttcttcaa tgtttagtag aaaatttcca     180
265 taatattgtt caactaggtc tgaaaatttg gaggcataag atcttttct ctctctttta     240
267 ttttaggttc agggaataca tgtgcaagtt tgttacgtgg gtaaattatg tatcgtgcgg     300
269 ctttggtata ctgactattt cgtcacccag ctacagggac agctggtctt actgcccagg     360
271 ttcctcatgg tcacctccta tttcctaatc acctcacaat tcctggcaga acagaagtgc     420
273 ctctggtatg accacgtgaa gctcaaccaa gagacccacc agagtggcaa cggatctgaa     480
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280 <212> TYPE: DNA
281 <213> ORGANISM: Homo sapien
283 <400> SEQUENCE: 11
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286 aatcctagaa gaagatgatt tatactcctt gagttcagat tctaatctga gaatgtgcct     120
288 gtgtatcccg tggcatatct ctgtaaaaga tccatggctg cacattgtaa gcatcttgct     180
290 tcttgtagcc tagtccatgt taggaaggct taggttcttt atcttcaaca gcattaacta     240
292 caaattgggt agctaatatg ggaaaatgga agggtcctta tcacctgtag ttttactttt     300
294 tcttttccat agtcttcata ttgttgacat atttagggta atccagttgc tgaaggacat     360
296 ggacagaaca cagaattggt atcaggattt gcccacaggt aactatttga tgctgagttt     420
298 aaactccttg agtcttagtg taagccgaa                         449
301 <210> SEQ ID NO: 12
302 <211> LENGTH: 1036
303 <212> TYPE: DNA
304 <213> ORGANISM: Homo sapien
306 <400> SEQUENCE: 12
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311 cttatggctt aggacgagag acacatggta acgtgacagg caccagggat acaagaacca     180
313 gtgtagaact gtgttaataa agccttgccc cgtcaatcta caaaactaac gacaaagaca     240
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317 catatcaagt cccttaagaa taccccatgg gactgaacag gttctcgtgg tccaagcata     360
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325 aattgccaca acttccatga atgcacattg gggtattctt atgcataaag gccttgagaa     600
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335 atgaaatatg aaggatgtat ttcttttta accaacactc tgttttatag aagtgttgac     900
337 attttgaagc tcgcttagtt cactcccagg cttgctgcat cagtgccagt ttctccaact     960
339 tagtctgacg acacatgtaa gccgatgtcc agcacactgc ggccgtataa ctggcaggct    1020
341 ctgccgttcg tccccc                                    1036
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RAW SEQUENCE LISTING   DATE: 12/18/2001
PATENT APPLICATION: US/10/001,870   TIME: 11:19:38

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Output Set: C:\CRF31113\REFHOLD\I001870.raw

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354 gtgtggtgtg ccaaagcacc atactaatgt gcgtgtgaaa agagagatga ttagaagaga     180
356 cacagtctcc ggttggtcac agactctaag acgccttccc gtgctcatat gaggaaagcc     240
358 atagaatata ttccagggtg agggacagtg acaccatatt ttatgaaagc acttcaatgt     300
360 gcttccccat tcccagccta aagatacccа ctttagaatc gtgcggaatg ggaatgggga     360
362 tagccatatc ggggttcctt ttaacctaaa aatttacggt cctaggttgg gaaatttttt     420
364 tcctccaggc aaccttgtcc ctaattttat attaaaggtc cttttagaac caaatttaac     480
366 agaacacata acctgtgaat tttaggtttg ttagagaaat aggttgcagg ttttggggca     540
368 ttctacaggg agcccattac atatcaaaat tgtatcattc atgtatacat ttcaagaggc     600
370 atttgcctat atacactact aataactcat ctagaatata agattccttt tgaactggca     660
372 gactccaata tggggaataa agtgatgctc gtttgcctaa tctttataaa acttggttag     720
374 gtttttatgcc tttccaaact atactggacc agatgtctcc ttcctcttgc ttttctgccc     780
376 tccaggtctg ctgtagtgta gaaagcactg ttcctctgaa tttcctattt acctgttttg     840
378 gcctgtagtg ataattattt ttctctgaag tcgcacgatg atgtaaccaa ggagggacaa     900
380 tttgaggctc agtagtatcc acatgacaca gtaattacag gcaactgctg attgcttttg     960
382 acctgcccaa cgccatcgca gcatcatt                                        988
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386 <211> LENGTH: 499
387 <212> TYPE: DNA
388 <213> ORGANISM: Homo sapien
390 <400> SEQUENCE: 14
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393 acttcccagc ttcaagaact atggtaaata aatttctatt atgtatagct ccctagtttg     120
395 tattgattta ttatagccta aatggactaa ggtagtcttt gtgttctacc tttctgccaa     180
397 gactatacta ttttggttat tatagcttgg aaataagttt tgacagcagg gagtctgagg     240
399 ccctccaaat acattctttt tcaagatcat tttggccatt tgggggtcct tggaaatgtt     300
401 tgaattatta gtatggattt ttctatttct gcaaacatg tcattgaaat tttgaaaagg     360
403 attacattaa atctgtagat tgctttgggt agtattaaca tcttaccagt attgagtctt     420
405 ccaattcata atcataggaa tctctcccat taattatatg tcttaattta tttcagcaaa     480
407 attttgcagc tttcattgt                                                  499
410 <210> SEQ ID NO: 15
411 <211> LENGTH: 888
412 <212> TYPE: DNA
413 <213> ORGANISM: Homo sapien
415 <400> SEQUENCE: 15
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418 accgtttaca ttgggaaagg gaaaaaggag agaaatatat gagagacgta tgctgggggt     120
420 atctacgatg tttttttttt ttgatttttt tatgtcattt taaatgtgtc tattcttctg     180
422 ttctgttctt aaagtatacc tgtaattatt aggattttaa ttatggattc tgtcttattt     240
424 attttttaat cttctttatt gtgtctatct atttgtcttt ctccatattc tgggagaaac     300
426 atctaagttt ccattcctta taactgatta tttttcttgg gatcaattct ggtcttcacc     360
428 atctgccaat gtgagttta gtttctctat aaactttaa actttaaact tgttttcttt     420
430 ttattatatg ggggggggca atgctttctg taaccccctt ccagttttc tcaggctatt     480
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 12/18/2001
PATENT APPLICATION: US/10/001,870   TIME: 11:19:39

       Input Set : A:\PTO.DC.txt
       Output Set: C:\CRF31113\REFHOLD\I001870.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:19; Pos. 46
Seq#:30; Pos. 228,229,230,231,232,233,234,235,236,237,238,239,240,241,242
Seq#:30; Pos. 243,244,245,246,247,248,249,250,251,252,253,254,255,256,257
Seq#:30; Pos. 258,259,260,261,262,263,264,265,266,267,268,269,270,271,272
Seq#:30; Pos. 273,274,275,276,277,278,279,280,281,282,283,284,285,286,287
Seq#:30; Pos. 288,289,290,291,292,293,294,295,296,297,298,299,300,301,302
Seq#:30; Pos. 303,304,305,580,587,655,658,677
Seq#:64; Pos. 125,133,135,137,139,140,142,145,147,150,155,159,163,165,166
Seq#:64; Pos. 178,247,358
Seq#:69; Pos. 461,462,463,464,465,466,467,468,469,470,471,472,473,474,475
Seq#:69; Pos. 476,477,478,479,480
Seq#:85; Pos. 348,349,350,351,352,353,354,355,356,357,358,359,360,361,362
Seq#:85; Pos. 363,364,365,366,367,368,369,370,371,372,373,374,375,376,377
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 12/18/2001
PATENT APPLICATION: US/10/001,870   TIME: 11:19:39

Input Set : A:\PTO.DC.txt
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 12/18/2001
PATENT APPLICATION: US/10/001,870   TIME: 11:19:39

Input Set : A:\PTO.DC.txt
Output Set: C:\CRF31113\REFHOLD\I001870.raw

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Seq#:1; Line(s) 9

VERIFICATION SUMMARY   DATE: 12/18/2001
PATENT APPLICATION: US/10/001,870   TIME: 11:19:39

Input Set : A:\PTO.DC.txt
Output Set: C:\CRF31113\REFHOLD\I001870.raw

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:180
L:877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:240
L:879 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:300
L:887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:540
L:889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:600
L:891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:660
L:1925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:120
L:1929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:240
L:1931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:300
L:2196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:420
L:2608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:300
L:2610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:360
L:2612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:420
L:2614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:480
L:2616 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:540
L:2618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:600
L:2637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:60
L:2772 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:240
L:2774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:300
L:2776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:360
L:2778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:420
L:2780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:480
L:2782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:540
L:2784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:600
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L:2960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97 after pos.:120
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OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/001,870

DATE: 12/12/2001
TIME: 14:31:38

Input Set : A:\ES.txt
Output Set: N:\CRF3\12112001\I001870.raw

**Does Not Comply
Corrected Diskette Needed**

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      4         Macina, Roberto
      5         Recipon, Herve
      6         Sun, Yongming
      7         Liu, Chenghua
      9 <120> TITLE OF INVENTION: Compositions and Methods Relating to Prostate Specific Genes
and Proteins
     11 <130> FILE REFERENCE: DEX-0283
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C--> 13 <141> CURRENT FILING DATE: 2001-11-20
     13 <150> PRIOR APPLICATION NUMBER: 60/252,189
     14 <151> PRIOR FILING DATE: 2000-11-21
     16 <160> NUMBER OF SEQ ID NOS: 217
     18 <170> SOFTWARE: PatentIn version 3.1
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ERRORED SEQUENCES

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   6073 Cys Asn Ser Asn Arg Ile Ala Asn Ile Asn Ile Phe Phe Leu Ser Cys
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   6086             85
E--> 6089 (1)  ~ delete
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/001,870**

DATE: 12/12/2001
TIME: 14:31:40

Input Set : **A:\ES.txt**
Output Set: **N:\CRF3\12112001\I001870.raw**

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
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L:875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
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L:889 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64
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L:2196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:2608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
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L:2780 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
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M:332 Repeated in SeqNo=217
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